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SHIPS ELECTRICAL EQUIPMENT TO CANAL, GES PROJECTS

NEW TRANSFORMER TO CARRY 400,000 VOLTS -- Moscow, Vechernyaya Moskva, 7 Dec 51

The Moscow Transformer Plant has shipped 20 transformers to the left-bank section of the Kuybyshev GES project. Another consignment of electrical machinery was prepared for shipment to the Volga-Don Canal project. Several machines were earmarked for the Tsimlyanskaya GES project.

Leningradskaya Pravda, 31 Jan 52

The Moscow Transformer Plant has exhibited a large model of a transformer designed to carry 400,000 volts. It is intended for the future high-voltage transmission lines between Moscow and Kuybyshev.

BAKU SENDS VARIETY OF EQUIPMENT -- Yerevan, Kommunist, 31 Jan 52

The Baku Electrical Machinery Plant has already delivered 15 of the 18 transformers planned for the first 9 months of 1952 to the Kuybyshev GES project. Besides this, seven transformers have been shipped to the Main Turkmen Canal project.

Stalinabad, Kommunist Tadzhikistana, 9 Feb 52

The Baku Electrical Machinery Plant shipped a great quantity of transformers, electric motors, and other electrical equipment to the Kuybyshev and Stalingrad GES projects during 1951.

In 1952, the plant will build many transformers for the Kuybyshev and Stalingrad projects, and for the Main Turkmen and Volga-Don canal projects.

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COMPLETE TRANSFORMER SUBSTATIONS -- Vil'nyus, Sovetskaya Litva, 29 Feb 52

On 27 February, a month ahead of schedule, the Khar'kov Electrical Installation Equipment Plant completed the manufacture of two powerful transformer substations for the Kuybyshev GES project.

The plant shipped to the Stalingrad GES project 30 sets of distributing units for high-tension electric power lines.

IMPROVE GENERATORS -- Tbilisi, Zarya Vostoka, 20 Jan 52

The Yerevan Electrical Engineering Plant has improved the design of generators made by the plant. A Stalin Prize was awarded in 1951 to Chief Designer A. Isagulyan, and to M. Galfayan, armature winder, for their work on the generator. Thirty-two generators have been shipped to the South Ukrainian and North Crimean canal projects.

TO SERIES-PRODUCE WELDING TRANSFORMER -- Yerevan, Kommunist, 10 Feb 52

The Yerevan Electrical Engineering Plant is organizing the series production of PS-300 electric welding transformers. An experimental model of the transformer is being tested.

PROPOSE NEW TRANSFORMER CORE, HYDROGENERATOR PARTS -- Leningradskaya Pravda, 8 Feb 52

Innovators at the Leningrad Elektroapparat Plant have proposed the production of transformers with round cores made from a continuous strip of metal. It is estimated that this will save more than 200 tons of nonferrous and ferrous metals, and that it will lower the labor consumption in the manufacture of transformers by 50 percent. This will result in a yearly saving of 200 million rubles.

Designers of the Leningrad Elektrosila Plant imeni S. M. Kirov are organizing a competition to lower the production cost of hydrogenerators.

In 1951, the weight of hydrogenerators for the Tsimlyanskaya GES project was reduced by 125 tons for each unit. The plant is now working on the construction of a still more powerful hydrogenerator. This unit has a newly designed rotor, interpolar connection, and upper cross-piece. The new design reduces by four times the amount of metal scrap in making the rotor.

DEVELOP POWERFUL HYDROGENERATOR -- Vil'nyus, Sovetskaya Litva, 19 Feb 52

A group of designers of the Leningrad Electrosila Plant imeni S. M. Kirov under the supervision of Yeremeyev, Stalin Prize winner, has developed a new powerful hydrogenerator, which has a newly designed rotor and other large units.

Three designers in the Bureau of Alternating Current Motors, Aleksandrovich, Petrov, and Kuvshinov, have developed a powerful 37,500-kilowatt compensator. By decreasing the size of the motor and increasing the speed from 600 to 750 revolutions per minute, a saving of 60 tons of electrical engineering steel and copper was realized.

Innovations like these have made it possible for the Electrosila Plant to save more than 3 million rubles per year.

Leningradskaya Pravda, 26 Feb 52

The Leningrad Elektrosila Plant imeni S. M. Kirov has completed a week ahead of schedule six direct-current generators for hydrotechnical installations at the Volga-Don Canal project.

The Leningrad Elektroapparat Plant has shipped ahead of schedule a large consignment of electrical disconnecting switches and current transformers to the Volga-Don Canal project. Since the beginning of 1952, more than 700 high-voltage units have been shipped to the large construction projects.

Moscow, Vechernyaya Moskva, 12 Jan 52

In 1951, the Leningrad Elektrosila Plant received 2,513 innovators' suggestions from workers, engineers, and technicians. The saving from the suggestions exceeded 4.6 million rubles.

MAKE 50 ABOVE-PLAN MOTORS IN 10 DAYS -- Moscow, Vechernyaya Moskva, 14 Jan 52

The armature winding shop of the Moscow Detal' Plant exceeded its production quota by 50 motors during the first 10 days of 1952.

PLEDGE HALF-YEAR OUTPUT IN ONE MONTH -- Leningradskaya Pravda, 27 Jan 52

The Yaroslavl' Machine Building Plant has proposed to fulfill its orders for the first 6 months of 1952 in January. More than 100 electric motors have already been shipped to the Volga-Don Canal project and the Stalingrad and Kuybyshev GES projects.

COMPLETE 32D ORDER -- Moscow, Izvestiya, 6 Feb 52

The Tallin Electrical Machine Building Plant has completed the 32d order for large construction projects. It built a group of electric motors for the Kuybyshev GES project 2 months ahead of schedule, finishing them on 29 January 1952.

MAKE MULTISPEED ELECTRIC MOTORS --Leningradskaya Pravda, 6 Feb 52

The Moscow Dinamo Plant imeni S. M. Kirov is manufacturing multispeed electric motors for the tall buildings of the capital.

These alternating-current motors have two stator windings instead of one. By switching from one winding to another, two speeds are obtainable. The first winding operates the elevator at high speeds. Just before arriving at the designated floor, contact is made with the second winding, which automatically decreases the speed of the elevator. The use of a special winding gives three or four speeds.

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